

Name _____

Motion and Force

(Use with Motion and Force PPT)

***Match the following vocabulary terms with the correct definition.**

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|-----------------------|----------------------------------------------------------------------------|
| _____ 1. distance | A. an increase in speed |
| _____ 2. force | B. a force that acts against or stops motion |
| _____ 3. slope | C. a decrease in speed |
| _____ 4. acceleration | D. a push or pull that causes an object to move, stop, or change direction |
| _____ 5. velocity | E. a force which pulls objects to the surface |
| _____ 6. speed | F. an object's speed in a particular direction |
| _____ 7. gravity | G. the measurement from one point to another |
| _____ 8. deceleration | H. used to describe the steepness, incline, or grade of a straight line |
| _____ 9. friction | I. a measure of the distance an object moves in a given direction |

1. Describe the difference between speed and velocity.

2. How does friction change the speed of a moving object?